Purchasing Receipts

Dart Hawkesbury 1270 Aberdeen St Hawkesbury, ON K6A 1K7 Canada 17el (613) 632-5200 Fax 613 632-5246

Supplier	Metals	TW Metals	TW Metals	
Total	\$58.96 TW	\$316.85	\$151.20 TW	\$527.00
Past				
Aging Days	0	0	0	
Receive Price/Unit Aging Past Due	\$2.95/11	\$ 2.64 / 11	\$3.15/R	
Receive Date	12/7/2018	1277/2018	1277/2018	
Status	Stock	Stock	Stock	
Container No	5135662	\$135663	\$135664	
Received Accounting Container Status Quantity Job No				
Received /	20	120	æ	188
Due Date	12/4/2018			
Order	20	120	48	188
Equipment Order ID Qty				Total:
For Part Project No				
For Part No				
Description	304 Round Tube 1.00 x.049W.: MATERIAL: AISI 304/316 SS SEAMLESS ROUND TUBING AS PER ASTM A213 OR ASME SA213 OR ASME SA213 OR	6061-T6 Round Tube .375 X.058W: MATERIAL: 6061- T67722/T6510/T6511 SEAMLESS TUBING AS PER WW-T-700/8 OR CQ-A-200/8 OR CQ-A-200/8 OR AMS 40 82 OR AMS 4083 OR ASTM B210 OR ASTM B210 OR ASTM B210 OR	10661-T6 Round 10461-262 X.065W: MATERIAL: 6061- T6/T62/T6510/T6511 SEAMLESS TUBING AS PER WW-T-700/8 OR QQ-A-200/8 OR AASON SOR A-225/8 OR AMS 4080 OR AMS 4083 OR ASTM B241 receive ft	
Purchased Item	M304TR1.000W.049	M606176T0.375W.058 6061-T6 Round Tube.375.X.056 MATERIAL: 606 T67762/T6510/T SEAMLESS TUBING AS PE WW-T-700/8 OF QQ-4-200/8 OR AMS 4080 OR AMS 4083 OR AMS 4083 ASTM 8241 rec	M6061T6T0.625W.065 6061-T6 Round Tube. 625 X.065 Tube. 625 X.0	
erms	1 Net 30			
Rel		10	0	
Line Item No	m	ις		
Supplier Item	TWM001-			
PO No S	P0041832 TWM001-			

Plex 12/7/2018 8:55 AM Dart.Belanger.Natasha

	DART AEROSPACE	Dart Aerospace Ltd. 1270 Aberdeen St Hawkesbury, ON K6A 1K7 Canada Tel (613) 632-5200		PURCHASE ORDER PO041832
Supplier:	TWM001-VU TW Metals PO Box 933014 Altanta, GA 31193-3014 USA Phone: 585 768 5600 Fax: 585 768 5601		PO No: PO Date: Due Date: Purchase Order Revision: Revision Date: Ship-To Contact:	PO041832 11/23/18 12/4/18 Tollis, AndrewPhone: plex.support@dartaero.com
Ship To:	1270 Aberdeen Street Hawkesbury ON K6A 1K7 Canada Phone: 613-632-5200		Via: Pymt Terms: Freight Terms: Special Comments:	

	Extended Price	\$58.96	
	Order Received Unit Quantity Guantity Balance Price (USD)	\$2.948/ft	
	Balance	20 ft	
	Order Received Quantity Quantity	s S	
	Order Quantity	72/4/18 20 ft 20 f	
	Due Date	12/4/18 DEC 0	
ns	Status Account	. \$5	
Items	Status	Firmed	
	Description	304 Round Tube Fir 1.00 X. 049W 1.00 X. 049W 304/316 SS SEAMLESS ROUND CONTROL AS PER ASTM A213 OR ASME SA213 OR ASTM A269 receive ft	
	Supplier Part No		
	Part	M304TR1.000W.049	
	ine Job		
	Line	m)	

Plex 12/7/18 8:47 AM dart.lavoie.chantal

		I	Extended Price	\$316.85	\$151.20	\$527.00
K 22			Exte			\$5
PURCHASE ORDER PO041832			Unit Balance Price (USD)	\$2.6404/ft	\$3.1499/ft	Grand Total:
ASE PC			Balance	120 #	# 84	9
IRCH			Order Received Quantity Quantity	# 0 S	7 2018	
P			Order Quantity	120 H 120 1 2018	12/4/18 48 ft 0 ft	A landarder and adjust of the
			Due Date	12/4/18	12/4/18	
		ns	Status Account	798		a secretarion description de la constantina del constantina del constantina de la co
		Items	Status	Firmed	Firmed	The same of the sa
Dart Aerospace Ltd. 1270 Aberdeen St Hawkesbury, ON K6A 1K7 Canada	Tel (613) 632-5200		Description	6061-T6 Round Tube .375 X.058W TMATERIAL: 6061- T6/T62/T6510/T6511 SEAMLESS TUBING AS PER WW-T-700/8 OR QQ-A-200/8 OR QQ-A-225/8 OR AMS A-225/8 OR AMS OR AMS 4083 OR ASTM B210 OR ASTM B210 OR ASTM B241 receive ft	6061-T6 Round Tube .625 X.065W I MATERIAL: 6061- T6/T62/T6510/T6511 SEAMLESS TUBING AS PER WW-T-700/8 OR QQ-A-200/8 OR QQ- A-225/8 OR AMS A-225/8 OR AMS A-2	of a first section in which is the section of the s
	F		Supplier Part No			
JART			Part	M6061T6T0.375W.058	M6061T6T0.625W.065	a company, a comment of the wine the entering leading of furnitures and
,			Job	-		
			Line	(3)	8	



PURCHASE ORDER PO041832

Tel (613) 632-5200

Order Notes

Procurement Quality Clauses

A005 right of entry

A012 chemical and physical test report

A016 personnel qualification

A017 raw material identification (as applicable)

A026 certification of material conformance

A041 quality management system

A043 retention of quality documents A042 dart notification by supplier

A048 counterfeit parts avoidance, detection, mitigation and disposition program

A049 supplier awareness

Terms & Condition of Purchasing (Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation. Plex 12/7/18 8:47 AM dart.lavoie.chantal

3/3



PURCHASE ORDER PO041832

Tel (613) 632-5200

Supplier: TWM001-VU

TW Metals

PO Box 933014

Altanta, GA 31193-3014 USA

Phone: 585 768 5600 Fax: 585 768 5601 PO Date: Due Date:

PO No:

PO041832

Datas

11/23/18 12/4/18

Purchase Order

Ship-To Contact:

Revision:

Revision Date:

Phone:

NOV 2 3 2018

Ship To:

1270 Aberdeen Street

Hawkesbury

ON

K6A 1K7 Canada Phone: 613-632-5200 Via:

Ground

Pymt Terms:

Net 30

Freight Terms: Special Comments:

					Iter	ns						
Line Item		Part	Supplier Part No	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (USD)	Extended Price
A	And the case of the special states of the st	M304TR0.500W.049	Amphilipation of the plant of the control of the co	304 Round Tube .500 X .049W : MATERIAL: AISI 304/316 SS SEAMLESS ROUND TUBING AS PER ASTM A213 OR ASME SA213 OR ASTM A269 receive ft	Firmed		12/4/18	120 ft	120G	-	\$3.4385/ft	
2/21	AND THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS NAMED I	M304TR0.750W.049		304 Round Tube .750 X .049W : MATERIAL: AISI 304/316 SS SEAMLESS ROUND TUBING AS PER ASTM A213 OR ASME SA213 OR ASTM A269 receive ft	Firmed	Control of the contro	12/4/18	120 ft	1	1	\$2.579/ft 18/12-/0.2	
3	The state of the s	M304TR1.000W.049	÷ 40 5 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	304 Round Tube 1.00 X .049W : MATERIAL: AISI 304/316 SS SEAMLESS ROUND TUBING AS PER ASTM A213 OR ASME SA213 OR ASTM A269 receive ft	Firmed		12/4/18	12 ft	Oft	12 ft	\$2.948/ft	\$35.38
4	And the state of t	M4130NT0.750W.049		4130 Round Tube .750 X.049W : MATERIAL: AISI 4130N STEEL TUBING AS PER MIL-T-6736 OR AMS 6371/6360/6361/6362 6373/6374 receive ft	Firmed		12/4/18			48 ft	\$6.25/ft 13/12/5	\$300.00



Tel (613) 632-5200

PURCHASE ORDER PO041832

					Iter	ns						
Line Item		Part	Supplier Part No	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (USD)	Extended Price
5	the principles of the states of the state of	M6061T6T0.375W.058		6061-T6 Round Tube .375 X.058W : MATERIAL: 6061- T6/T62/T6510/T6511 SEAMLESS TUBING AS PER WW-T-700/8 OR QQ-A-200/8 OR QQ-A-225/8 OR AMS 4080 OR AMS 40 82 OR AMS 4083 OR ASTM B210 OR ASTM B241 receive ft	Firmed	The state of the s	12/4/18	120 ft			\$2.6404/ft	
6/11	A TORNOLL A BOARD A CARDON CONTRACTOR AND PROPERTY AND	M6061T6T0.500W.049	A THE RESIDENCE OF THE PARTY OF	6061-T6 Round Tube .500 X.049W : MATERIAL: 6061- T6/T62/T6510/T6511 SEAMLESS TUBING AS PER WW-T-700/8 OR QQ-A-200/8 OR QQ-A-225/8 OR AMS 4080 OR AMS 40 82 OR AMS 4083 OR ASTM B210 OR ASTM B241 receive ft	Firmed		12/4/18	24 ft	0 ft	gan in an	\$2.91/A	
TYAT	A supplication of the supp	M6061T6T0.500W.058	And the state of t	6061-T6 Round Tube .500 X.058W : MATERIAL: 6061- T6/T62/T6510/T6511 SEAMLESS TUBING AS PER WW-T-700/8 OR QQ-A-200/8 OR QQ-A-225/8 OR AMS 4080 OR AMS 40 82 OR AMS 4083 OR ASTM B210 OR ASTM B241 receive ft	Firmed	Landadista en l'ambas de l'ambas des l'ambas des l'ambas de l'amba	12/4/18	/	0 th		\$2.1492/ft	
8		M6061T6T0.625W.065		6061-T6 Round Tube .625 X.065W : MATERIAL: 6061- T6/T62/T6510/T6511 SEAMLESS TUBING AS PER WW-T-700/8 OR QQ-A-200/8 OR QQ-A-225/8 OR AMS 4080 OR AMS 40 82 OR AMS 4083 OR ASTM B210 OR ASTM B241 receive ft	A MINING MANAGEMENT OF THE MANAGEMENT AND	The same of the contribution of the same with the same to the same to the same that the same that the same to the same to the same that the same to th	12/4/18	48 ft	O fit	48 ft	\$3.1499/ft	\$151.20



PURCHASE ORDER PO041832

Tel (613) 632-5200

					Iten	ns						
Line Item	Job		Supplier Part No	Description	Status	Account	Due Date		Received Quantity	Balance	Unit Price (USD)	Extended Price
9/ AK		M6061T6T0.625W.125		6061-T6 Round Tube 0.625 X.125W : MATERIAL: 6061- T6/T62/T6510/T6511 SEAMLESS TUBING AS PER WW-T-700/8 OR QQ-A-200/8 OR QQ-A-225/8 OR AMS 4080 OR AMS 40 82 OR AMS 4083 OR ASTM B210 OR ASTM B241 receive ft	Firmed		12/4/18	120 ft	0 A	120 ft	\$5.15M	4

Order Notes

Procurement Quality Clauses

A005 right of entry

A012 chemical and physical test report

A016 personnel qualification

A017 raw material identification (as applicable)

A026 certification of material conformance

A041 quality management system

A042 dart notification by supplier

A043 retention of quality documents

A048 counterfeit parts avoidance, detection, mitigation and disposition program

A049 supplier awareness

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Plex 11/23/18 1:29 PM dart.lavoie.chantal





Packing

ORDER NO.: 80974896 FROM: CHIC PAGE 1

24.517 REO.DATE: 12/04/18 CONFIRMED

CUST NUMBER: 1203820 NET WGT:

SOLD TO:

DART AEROSPACE LTD 1270 ABERDEEN ST

HAWKESBURY ON

CANADA

CN K6A 1K7

SHIP TO:

DART AEROSPACE LTD 1270 ABERDEEN ST

HAWKSBURY ON

ONTARIO CANADA

CN K6A 1K7

TERMS: F.O.B.:

SALESPERSON: DONNA SMALLEY NET 30 DAYS

CUST ORD NO.: P0041832

SHIPPING POINT

SHIP BY: 11/28/18
VIA: COMMON CARF
FREIGHT: PREPAID RELEASE NO.:

COMMON CARRIER

RECEIVING PHONE:

LINE ITEM DESCRIPTION 0001 37056 SMLS CD 304/L A269 1 OD X .049 WA

SHIPPED QTY

WIDTH LENGTH

CLN# ORD QTY INVOICE QTY 12.000 FT 20.000 FT

20.000 FT

WT 9.953

PCS

** 1 TEST REPORTS REQUIRED **

** 1 CERTS REQUIRED **

ECCN: 2B999.g Export License: NLR Expiration Date: 0/00/00 PO:49385138 HT:N180118AS01 PC: 1 CUSTOMER QTY: UOM MLT: CHINA

MFG: CHINA

SLB/CL:-

0002 41952 D6061-T6 3/8 OD X .058 WA CLN# ORD QTY INVOICE QTY 120.000 FT

12 FT ML

SHIPPED QTY 120.000 FT

WT 8.136 PCS 10

** 1 TEST REPORTS REQUIRED **

** 1 CERTS REOUIRED **

ECCN: EAR99 Export License: NLR Expiration Date: 0/00/00 PO:49391823 HT:F002767520002 PC: 10 CUSTOMER QTY:

MLT:UNITED STATES MFG:UNITED STATES SLB/CL:226573

0003 42558 D6061-T6 5/8 OD X .065 WA

CLN# ORD OTY

48.000 FT

48.000 FT

12 FT ML

SHIPPED QTY 48.000 FT

6.428

PCS

** 1 TEST REPORTS REQUIRED **

** 1 CERTS REQUIRED **

ECCN: EAR99 Export License: NLR Expiration Date: 0/00/00 PO:49393156 HT:F002792550002 PC: 4 CUSTOMER QTY: UOM

MLT:UNITED STATES MFG:UNITED STATES SLB/CL:226804

1

TERMS AND CONDITIONS APPLICABLE TO THE SALE OF THESE THANK YOU FOR THIS ORDER PRODUCTS ARE SET FORTH ON OUR WEBSITE FOR YOUR CAREFUL REVIEW.

http://www.twmetals.com/invoice-terms.html





ORDER NO.: 80974896 FROM: CHIC

24.517 REQ. DATE: 12/04/18 CONFIRMED

PAGE 2

CUST NUMBER: 1203820 NET WGT:

SOLD TO: DART AEROSPACE LTD

1270 ABERDEEN ST

HAWKESBURY ON

CANADA

CN K6A 1K7

DART AEROSPACE LTD

1270 ABERDEEN ST

HAWKSBURY ON

ONTARIO CANADA

CN K6A 1K7

SALESPERSON:

TERMS:

DONNA SMALLEY NET 30 DAYS

F.O.B.:

SHIPPING POINT

CUST ORD NO.: PO041832

SHIP BY:

SHIP TO:

VIA:

11/28/18

COMMON CARRIER PREPAID

FREIGHT: RELEASE NO.:

RECEIVING PHONE:

WIDTH

LENGTH

LINE ITEM DESCRIPTION

BROKERS KUEHNE AND NAGEL LTD

----- PACK INFO ------

PKGS GRS WEIGHT WIDTH LENGTH 1.000 70.000 246.0000

LENGTH HGHT

AREA TYPE OF PKG YRC REDDICRATE

1.000

CUBIC FT

1.000 70.000

BY: CS RT 000-

UNLOAD TYPE: NONE SPECIFIED

DATE SHIPPED

DATE FILLED

http://www.twmetals.com/invoice-terms.html





ORDER NO.: 80974896

FROM: CHIC

PAGE 3

CUST NUMBER: 1203820 NET WGT:

24.517 REQ.DATE: 12/04/18 CONFIRMED

SOLD TO:

DART AEROSPACE LTD 1270 ABERDEEN ST

HAWKESBURY ON

CANADA

CN K6A 1K7

SHIP TO: DART AEROSPACE LTD

1270 ABERDEEN ST

HAWKSBURY ON ONTARIO CANADA

CN K6A 1K7

SALESPERSON:

TERMS:

DONNA SMALLEY NET 30 DAYS

F.O.B.: CUST ORD NO .: SHIPPING POINT PO041832

VIA:

FREIGHT:

COMMON CARRIER

PREPAID

RELEASE NO .:

RECEIVING PHONE:

SHIP BY:

235 TUBEWAY

CAROL STREAM

. IL 60188

11/28/18

"TW Metals MSDS data is available on our web site at www.twmetals.com. MSDS data can be found under the Technical Resources Tab, Product Statistics & Data and the TW Metals MSDS's heading. If you do not have web site access you may telephone 610-458-1300 and we will mail or fax a copy of our current MSDS data to your location."

"CERTIFICATE OF CONFORMANCE"

"TW Metals certifies that the material supplied on this purchase order and contained in the heat/lot number referenced above has been manufactured. inspected, and tested in accordance with the material specification. These records are on file at TW Metals. Packaging material for shipments to Europe and China consists of manufactured wood products and complies with the European emergency measures for coniferous nor manufactured wood packing material"

Authorized Test Report Clerk

Date: 11/28/18

These commodities have been exported from the United States in accordance with the U.S. export control laws, export administrations regulations. Diversion contrary to U.S. law prohibited.





ORDER NO.: 80974896 FROM: CHIC PAGE 1

CUST NUMBER: 1203820 NET WGT:

SOLD TO:

DART AEROSPACE LTD 1270 ABERDEEN ST HAWKESBURY ON

CANADA

CN K6A 1K7

24.517 REQ.DATE: 12/04/18 CONFIRMED

SHIP TO:

DART AEROSPACE LTD 1270 ABERDEEN ST

HAWKSBURY ON

ONTARIO CANADA

CN K6A 1K7

SALESPERSON:

TERMS: F.O.B.:

CUST ORD NO.:

DONNA SMALLEY NET 30 DAYS SHIPPING POINT

PO041832

SHIP BY:

11/28/18 COMMON CARRIER

VIA: FREIGHT: PREPAID

RELEASE NO.:

RECEIVING PHONE: WIDTH

LINE ITEM DESCRIPTION 0001 37056 SMLS CD 304/L A269 1 OD X .049 WA

CLN# ORD QTY 12.000 FT

INVOICE QTY 20.000 FT

SHIPPED OTY 20.000 FT

WT 9.953 PCS 1

** 1 TEST REPORTS REQUIRED ** A213 TP304/L

ECCN: 2B999.g Export License: NLR Expiration Date: 0/00/00 PO:49385138 HT:N180118AS01. PC: 1 CUSTOMER QTY: UOM

MFG:CHINA

LENGTH

20' CL

SLB/CL:-

0002 41952 D6061-T6 3/8 OD X .058 WA

CLN#

MLT: CHINA

ORD QTY 120.000 FT

INVOICE QTY

120.000 FT

SHIPPED OTY 120,000 FT

WT 18.136

12 FT ML

PCS 10

** 1 TEST REPORTS REQUIRED ** ASTM B2/6-12

** 1 CERTS REQUIRED **

ECCN: EAR99 Export License: NLR Expiration PO:49391823 HT:F002767520002 PC: 10 CUSTOMER QTY:

MLT:UNITED STATES MFG:UNITED STATES SLB/CL:226573

Expiration Date: 0/00/00

UOM

0003 42558 D6061-T6 5/8 OD X .065 WA

CLN#

ORD OTY 48.000 FT ' INVOICE OTY 48.000 FT

SHIPPED OTY 48.000 FT

WT 6.428

12 FT ML

PCS

** 1 TEST REPORTS REQUIRED ** ASTMB210-12

** 1 CERTS REQUIRED **

ECCN: EAR99 Export License: NLR Expiration Date: 0/00/00

PO:49393156 HT:F002792550002 PC: 4 CUSTOMER QTY: MLT:UNITED STATES MFG:UNITED STATES SLB/CL:226804

MOU





ORDER NO.: 80974896 FROM: CHIC PAGE 2

CUST NUMBER: 1203820 NET WGT:

SOLD TO:

DART AEROSPACE LTD 1270 ABERDEEN ST

HAWKESBURY ON

CN K6A 1K7 CANADA

SALESPERSON: DONNA SMALLEY

NET 30 DAYS

TERMS:

SHIPPING POINT

CUST ORD NO.: PO041832

LINE ITEM DESCRIPTION

BROKERS KUEHNE AND NAGEL LTD

24.517 REQ.DATE: 12/04/18 CONFIRMED

SHIP TO:

DART AEROSPACE LTD 1270 ABERDEEN ST HAWKSBURY ON

ONTARIO CANADA

CN K6A 1K7

SHIP BY:

11/28/18

VIA: FREIGHT:

COMMON CARRIER

PREPAID

RELEASE NO.:

RECEIVING PHONE:

WIDTH LENGTH

_____ PACK INFO --------AREA TYPE OF PKG

REDDICRATE

1.000

PKGS GRS WEIGHT WIDTH LENGTH HGHT 1.000 70.000 246.0000

CUBIC FT

1.000 70.000

BY: CS RT 000-

YRC

UNLOAD TYPE: NONE SPECIFIED

DATE SHIPPED

DATE FILLED





CN K6A 1K7

ORDER NO.: 80974896

FROM: CHIC

PAGE 3

CUST NUMBER: 1203820 NET WGT:

SOLD TO:

DART AEROSPACE LTD 1270 ABERDEEN ST HAWKESBURY ON

CANADA

TERMS:

F.O.B.:

CN K6A 1K7

DONNA SMALLEY NET 30 DAYS

SHIPPING POINT

CUST ORD NO .:

PO041832 COMMON CARRIER VIA:

PREPAID FREIGHT:

RELEASE NO.:

SALESPERSON:

RECEIVING PHONE:

24.517 REQ.DATE: 12/04/18 CONFIRMED

SHIP TO:

DART AEROSPACE LTD 1270 ABERDEEN ST HAWKSBURY ON

ONTARIO CANADA

SHIP BY: 11/28/18

235 TUBEWAY

CAROL STREAM IL 60188

"TW Metals MSDS data is available on our web site at www.twmetals.com. MSDS data can be found under the Technical Resources Tab, Product Statistics & Data and the TW Metals MSDS's heading. If you do not have web site access you may telephone 610-458-1300 and we will mail or fax a copy of our current MSDS data to your location."

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Authorized Test Report Clerk

Date: 11/28/18

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CAROL STREAM IL 60188

Tel: 630-690-0110

FAX: 16306902105

Invoice#: 80974896 Cust. PO#: PO041832 Incoterms: SHIPPING POINT

Frt. Terms: PREPAID

Ship Via: COMMON CARRIER

COMMERCIAL INVOICE

Sold To: DART AEROSPACE LTD

1270 ABERDEEN ST

HAWKESBURY ON CANADA

CN K6A 1K7 C

Contact: CHANTAL

16136321053

Freight Forwarder/Intermediate Ship To:

Invoice Date: 11/28/18

Ship Date: 11/28/18

Payment Terms: NET 30 DAYS

Ship To/Final Destination:

DART AEROSPACE LTD 1270 ABERDEEN ST HAWKSBURY ON

ONTARIO CANADA

CN K6A 1K7

DESCRIPTION MLS CD 304/L A269 1 OD X .049 WA FAINLESS STEEL TUBE ROUND ART NUMBER: CCN: 2B999.g CHEDULE B:7304.11.0000 LUM PIPE/TUBE - SEAMLESS ET WGT: 9.953 LBS	QUANTITY 20.000 0 1.000	FT	V.	UNIT VALUE 2.9500 FT	SUBTOTAL \$ 59.0
TAINLESS STEEL TUBE ROUND ART NUMBER: CCN: 2B999.g CHEDULE B:7304.11.0000 LUM PIPE/TUBE - SEAMLESS ET WGT: 9.953 LBS	0	IN	7	2.9500 F1	\$ 39.0
ART NUMBER: CCN: 2B999.g CHEDULE B:7304.11.0000 LUM PIPE/TUBE - SEAMLESS ET WGT: 9.953 LBS	1.000	PC			
CCN: 2B999.g CHEDULE B:7304.11.0000 LUM PIPE/TUBE - SEAMLESS ET WGT: 9.953 LBS					
CHEDULE B:7304.11.0000 LUM PIPE/TUBE - SEAMLESS ET WGT: 9.953 LBS					
LUM PIPE/TUBE - SEAMLESS ET WGT: 9.953 LBS					
			1		
OUNTRY OF MFG: CHINA					
6061-T6 3/8 OD X .058 WA	120.000	FT	\$	2.6400 FT	\$ 316.8
LUMINUM TUBE ROUND	10.000	PC			
ART NUMBER:					
CCN: EAR99					
CHEDOLE B: 7606.20.0030					
EVDORT I TOTACE	NIMBED NI.	R			
			100		
NAMETALS LLC CERTIFIES THAT THE COUNTRY OR COUNTRIES OF					
MANUFACTURE INDICATED ABOVE IS TRUE AND CORRECT AS CONTAINED IN THE RECORDS OF TW METALS, LLC.					
AUTHORIZED FOR EXPORT ONLY TO THE COUNTRY OF ULTIMATE DESTINATION FOR USE BY THE ULTIMATE CONSIGNEE OR SIND-USER(S) HEREIN IDENTIFIED. THEY MAY NOT BE RESOLD, RANSFERRED, OR OTHERWISE DISPOSED OF, TO ANY OTHER COUNTRY OR TO ANY PERSON OTHER THAN THE AUTHORIZED ULTIMATE CONSIGNEE OR END-USER(S), EITHER IN THEIR ORIGINAL FORM OR AFTER BEING INCORPORATED INTO OTHER ITEMS.					CONTINUE
C C C C C C C C C C C C C C C C C C C	EXPORT LICENSE WMETALS, LLC CERTIFIES THAT THE COUNTRY OR COUNTRIES OF ANUFACTURE INDICATED ABOVE IS TRUE AND CORRECT AS DISTAINED IN THE RECORDS OF TW METALS, LLC. HESE ITEMS ARE CONTROLLED BY THE U.S. GOVERNMENT AND UTHORIZED FOR EXPORT ONLY TO THE COUNTRY OF ULTIMATE ESTIMATION FOR USE BY THE ULTIMATE CONSIGNEE OR NO-USER(S) HEREIN IDENTIFIED. THEY MAY NOT BE RESOLD, RANSFERRED, OR OTHERWISE DISPOSED OF, TO ANY OTHER DUNTRY OR TO ANY PERSON OTHER THAN THE AUTHORIZED LTIMATE CONSIGNEE OR END-USER(S), EITHER IN THEIR ORIGINAL DISTAINED AND OTHER THEMS, BITHOUT FIRST OBTAINING APPROVAL FROM THE U.S.	EXPORT LICENSE WMETALS, LLC CERTIFIES THAT THE COUNTRY OR COUNTRIES OF ANUFACTURE INDICATED ABOVE IS TRUE AND CORRECT AS ONTAINED IN THE RECORDS OF TW METALS, LLC. HESE ITEMS ARE CONTROLLED BY THE U.S. GOVERNMENT AND UTHORIZED FOR EXPORT ONLY TO THE COUNTRY OF ULTIMATE ESTINATION FOR USE BY THE ULTIMATE CONSIGNEE OR VID-USER(S) HEREIN IDENTIFIED. THEY MAY NOT BE RESOLD, RANSFERRED, OR OTHERWISE DISPOSED OF, TO ANY OTHER OUNTRY OF UT THE OUNTRY OF UT THE OWN OF TO ANY PERSON OTHER THAN THE AUTHORIZED LTIMATE CONSIGNEE OR END-USER(S), EITHER IN THEIR ORIGINAL DITHOUT FIRST OBTAINING APPROVAL FROM THE U.S.	EXPORT LICENSE WMETALS, LLC CERTIFIES THAT THE COUNTRY OR COUNTRIES OF ANUFACTURE INDICATED ABOVE IS TRUE AND CORRECT AS DONTAINED IN THE RECORDS OF TW METALS, LLC. LESE ITEMS ARE CONTROLLED BY THE U.S. GOVERNMENT AND JITHORIZED FOR EXPORT ONLY TO THE COUNTRY OF ULTIMATE ESTINATION FOR USE BY THE ULTIMATE CONSIGNEE OR RANSFERRED, OR OTHERWISE DISPOSED OF, TO ANY OTHER DUNTRY OR TO ANY PERSON OTHER THAN THE AUTHORIZED CONSIGNEE OR BOULDERNING OR AFTER BEING INCORPORATED INTO OTHER ITEMS, BITHER IN THEIR ORIGINAL DRM OR AFTER BEING INCORPORATED INTO OTHER ITEMS, BITHER OR SHOULD FIRST OBTAINING APPROVAL FROM THE U.S. OVERDMENT OR AS OTHERWISE AUTHORIZED BY U.S. LAW AND	EXPORT LICENSE WHETALS, LLC CERTIFIES THAT THE COUNTRY OR COUNTRIES OF ANUFACTURE INDICATED ABOVE IS TRUE AND CORRECT AS CONTAINED IN THE RECORDS OF TW METALS, LLC. HESE ITEMS ARE CONTROLLED BY THE U.S. GOVERNMENT AND LITHORIZED FOR EXPORT ONLY TO THE COUNTRY OF ULTIMATE ESTIMATION FOR USE BY THE U.TIMATE CONSIGNEE OR NO-USER(S) HEREIN IDENTIFIED. THEY MAY NOT BE RESOLD, RANSFERRED, OR OTHER WHAS LOSS OF THE AUTHORIZED DUTTRY OF UTTO THE AUTHORIZED LITIMATE CONSIGNEE OR EXPOSED OF, TO ANY OTHER DUTTRY OF ULTIMATE CONSIGNEE OR END-USER(S), EITHER IN THEIR ORIGINAL DUTTRY OR TO ANY PERSON OTHER THAN THE AUTHORIZED LITIMATE CONSIGNEE OR END-USER(S), EITHER IN THEIR ORIGINAL DUTTRY OF STAINING APPROVAL FROM THE U.S.	EXPORT LICENSE WMETALS, LLC CERTIFIES THAT THE COUNTRY OR COUNTRIES OF ANUFACTURE INDICATED ABOVE IS TRUE AND CORRECT AS ONTAINED IN THE RECORDS OF TW METALS, LLC. HESE ITEMS ARE CONTROLLED BY THE U.S. GOVERNMENT AND JITHORIZED FOR EXPORT ONLY TO THE COUNTRY OF ULTIMATE ESTINATION FOR USE BY THE ULTIMATE CONSIGNEE OR NO-USER(S) HEREIN IDENTIFIED. THEY MAY NOT BE RESOLD, RANSFERRED, OR OTHERWISE DISPOSED OF, TO ANY OTHER DOUNTRY OR TO ANY PERSON OTHER THAN THE AUTHORIZED CUNTRY OR TO ANY PERSON OTHER THAN THE AUTHORIZED LIMATE CONSIGNEE OR END-USER(S), EITHER IN THEIR ORIGINAL DOWN OR AFTER BEING INCORPORATED INTO OTHER ITEMS.



CAROL STREAM IL 60188

Tel: 630-690-0110

FAX: 16306902105

Invoice#: 80974896 Cust. PO#: PO041832

Incoterms: SHIPPING POINT

Frt. Terms: PREPAID

Ship Via: COMMON CARRIER

COMMERCIAL INVOICE

Sold To: DART AEROSPACE LTD

1270 ABERDEEN ST

HAWKESBURY ON CANADA

CN K6A 1K7 C

Contact: CHANTAL

16136321053

Ship To/Final Destination:

Invoice Date: 11/28/18

Ship Date: 11/28/18

Payment Terms: NET 30 DAYS

DART AEROSPACE LTD 1270 ABERDEEN ST

HAWKSBURY ON ONTARIO CANADA

CN K6A 1K7

Freight Forwarder/Intermediate Ship To:

ITEM# / LINE#	DESCRIPTION	QUANTITY	UNIT VALUE	SUBTOTAL
	ALUM PIPE/TUBE - SEAMLESS			
	NET WGT: 8.136 LBS COUNTRY OF MFG: UNITED STATES			
42558	D6061-T6 5/8 OD X .065 WA	48.000 FT 0 IN	\$ 3.1500 FT \$	151.20
3	ALUMINUM TUBE ROUND	4.000 PC		
	PART NUMBER:			
	ECCN: EAR99 SCHEDULE B:7608.20.0030 ALUM PIPE/TUBE - SEAMLESS			
	NET WGT: 6.428 LBS COUNTRY OF MFG: UNITED STATES FREIGHT CHARGES			.0
	QUANTITY AND TYPE OF BOXES:			
	1 REDDICRATE			
	EXPORT LICENSE			
	EXPIRATION	ON DATE: 00/00,	100	
	TW METALS, LLC CERTIFIES THAT THE COUNTRY OR COUNTRIES OF MANUFACTURE INDICATED ABOVE IS TRUE AND CORRECT AS CONTAINED IN THE RECORDS OF TW METALS, LLC.			
	THESE ITEMS ARE CONTROLLED BY THE U.S. GOVERNMENT AND AUTHORIZED FOR EXPORT ONLY TO THE COUNTRY OF ULTIMATE DESTINATION FOR USE BY THE ULTIMATE CONSIGNEE OR END-USER(S) HEREIN IDENTIFIED. THEY MAY NOT BE RESOLD, TRANSFERRED, OR OTHERWISE DISPOSED OF, TO ANY OTHER COUNTRY OR TO ANY PERSON OTHER THAN THE AUTHORIZED UNITED SEND USER(S). EITHER IN THE ROPIGINAL			
	ULTIMATE CONSIGNEE OR END-USER(S), EITHER IN THEIR ORIGINAL FORM OR AFTER BEING INCORPORATED INTO OTHER ITEMS, WITHOUT FIRST OBTAINING APPROVAL FROM THE U.S. GOVERNMENT OR AS OTHERWISE AUTHORIZED BY U.S. LAW AND REGULATIONS. Page	2		CONTINUE



CAROL STREAM

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IL 60188

Invoice#: 80974896

Cust. PO#: PO041832

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1270 ABERDEEN ST HAWKESBURY ON

CANADA

CN K6A 1K7 C

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Payment Terms: NET 30 DAYS

Ship To/Final Destination:

DART AEROSPACE LTD 1270 ABERDEEN ST HAWKSBURY ON

ONTARIO CANADA

CN K6A 1K7

ITEM# / LINE#	DESCRIPTION	QUANTITY	UNIT VALUE	SUBTOTAL
	246.0000 X X TOTAL WGT: 70.000 LBS GROSS WGT: 70.000 LBS			
	Ch-H		11/28/1	8
	EXPORT LICENSE	NUMBER: NLR ON DATE: 00/00/	00	
	TW METALS, LLC CERTIFIES THAT THE COUNTRY OR COUNTRIES OF MANUFACTURE INDICATED ABOVE IS TRUE AND CORRECT AS CONTAINED IN THE RECORDS OF TW METALS, LLC. THESE ITEMS ARE CONTROLLED BY THE U.S. GOVERNMENT AND AUTHORIZED FOR EXPORT ONLY TO THE COUNTRY OF ULTIMATE DESTINATION FOR USE BY THE ULTIMATE CONSIGNEE OR END-USER(S) HEREIN IDENTIFIED. THEY MAY NOT BE RESOLD,			
	TRANSFERRED, OR OTHERWISE DISPOSED OF, TO ANY OTHER COUNTRY OR TO ANY PERSON OTHER THAN THE AUTHORIZED ULTIMATE CONSIGNEE OR END-USER(S), EITHER IN THEIR ORIGINAL FORM OR AFTER BEING INCORPORATED INTO OTHER ITEMS, WITHOUT FIRST OBTAINING APPROVAL FROM THE U.S. GOVERNMENT OR AS OTHERWISE AUTHORIZED BY U.S. LAW AND REGULATIONS.		Sales Tax US Dollars	.00 527.00



CAROL STREAM IL 60188

Tel: 630-690-0110

FAX: 16306902105

Invoice#: 80974896 Cust. PO#: PO041832

Incoterms: SHIPPING POINT

Frt. Terms: PREPAID

Ship Via: COMMON CARRIER

COMMERCIAL INVOICE

Sold To: DART AEROSPACE LTD

1270 ABERDEEN ST HAWKESBURY ON

CANADA

Contact: CHANTAL

16136321053

CN K6A 1K7 C

Freight Forwarder/Intermediate Ship To:

Invoice Date: 11/28/18

Ship Date: 11/28/18

Payment Terms: NET 30 DAYS

Ship To/Final Destination:

DART AEROSPACE LTD 1270 ABERDEEN ST HAWKSBURY ON

ONTARIO CANADA

CN K6A 1K7

ITEM# / LINE#	DESCRIPTION	QUANTITY		UNIT VALUE	SUBTOTAL
37056	SMLS CD 304/L A269 1 OD X .049 WA	20.000 F7	T T	2.9500 FT	\$ 59.00
1	STAINLESS STEEL TUBE ROUND	1.000 PC			
	PART NUMBER:				
	ECCN: 2B999.g SCHEDULE B:7304.11.0000 ALUM PIPE/TUBE - SEAMLESS				
	NET WGT: 9.953 LBS COUNTRY OF MFG: CHINA				
41952	D6061-T6 3/8 OD X .058 WA	120.000 FT	1 7	2.6400 FI	\$ 316.80
2	ALUMINUM TUBE ROUND	10.000 PC			
	PART NUMBER:				
	ECCN: EAR99				
	SCHEDULE B:7608.20.0030				
	EXPORT LICENSE	NUMBER: NLR			
	EXPIRATION	N DATE: 00/0	00		
	TW METALS, LLC CERTIFIES THAT THE COUNTRY OR COUNTRIES OF MANUFACTURE INDICATED ABOVE IS TRUE AND CORRECT AS CONTAINED IN THE RECORDS OF TW METALS, LLC.				
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	WTHOUT FIRST OBTAINING APPROVAL FROM THE U.S. GOVERNMENT OR AS OTHERWISE AUTHORIZED BY U.S. LAW AND REGULATIONS. Page	1			CONTINUE



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Invoice#: 80974896 Cust. PO#: PO041832

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Sold To: DART AEROSPACE LTD

1270 ABERDEEN ST HAWKESBURY ON

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CN K6A 1K7 C

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Freight Forwarder/Intermediate Ship To:

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DART AEROSPACE LTD 1270 ABERDEEN ST

HAWKSBURY ON

ONTARIO CANADA CN K6A 1K7

ITEM# / LINE#	DESCRIPTION	QUANTITY	UNIT VALUE	SUBTOTAL
	ALUM PIPE/TUBE - SEAMLESS			
	NET WGT: 8.136 LBS COUNTRY OF MFG: UNITED STATES			
42558	D6061-T6 5/8 OD X .065 WA	48.000 FT \$	3.1500 FT \$	151.20
3	ALUMINUM TUBE ROUND	4.000 PC		
	PART NUMBER:		,	
	ECCN: EAR99 SCHEDULE B:7608.20.0030 ALUM PIPE/TUBE - SEAMLESS			
	NET WGT: 6.428 LBS COUNTRY OF MFG: UNITED STATES FREIGHT CHARGES			.00
	QUANTITY AND TYPE OF BOXES:			
	1 REDDICRATE			
	EXPORT LICENSE	NUMBER: NLR		
	EXPIRATION	N DATE: 00/00/0	0	
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	GOVERNMENT OR AS OTHERWISE AUTHORIZED BY U.S. LAW AND REGULATIONS. Page	2		



Tel: 630-690-0110

FAX: 16306902105

CAROL STREAM IL 60188

Invoice#: 80974896 Cust. PO#: PO041832 Incoterms: SHIPPING POINT

Frt. Terms: PREPAID

Ship Via: COMMON CARRIER

COMMERCIAL INVOICE

Sold To: DART AEROSPACE LTD

1270 ABERDEEN ST HAWKESBURY ON

CANADA

CN K6A 1K7 C

Contact: CHANTAL

16136321053

Freight Forwarder/Intermediate Ship To:

Invoice Date: 11/28/18

Ship Date: 11/28/18

Payment Terms: NET 30 DAYS

Ship To/Final Destination:

DART AEROSPACE LTD 1270 ABERDEEN ST HAWKSBURY ON

ONTARIO CANADA

CN K6A 1K7

ITEM# / LINE#	DESCRIPTION	QUANTITY	UNIT VALUE	SUBTOTAL
	246.0000 X X TOTAL WGT: 70.000 LBS GROSS WGT: 70.000 LBS			
	Ch-A		11/28/18	
	EXPORT LICENSE	NUMBER: NIR		
		ON DATE: 00/00/	00	
	TW METALS, LLC CERTIFIES THAT THE COUNTRY OR COUNTRIES OF MANUFACTURE INDICATED ABOVE IS TRUE AND CORRECT AS CONTAINED IN THE RECORDS OF TW METALS, LLC.			
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MATERIAL RECEIPT INSPECTION FORM

n	1304TR1.000W.049		/
MATERIAL:	A213 TP304/L	PO / BATCH NO.:	PO 041832/513566
DATE:	DEC 0 7 2018		
	1 .		
MATERIAL CERT REC'D:	YES	THICKNESS ORDERED:	0.049
QUANTITY RECEIVED:	20'	THICKNESS RECEIVED:	0.049
QUANTITY INSPECTED:	20'	SHEET SIZE ORDERED:	
QUANTITY REJECTED:	Ø	SHEET SIZE RECEIVED:	

DESCRIPTION	(Ch	CR leck (N)	COMMENTS
SURFACE DAMAGE	Y	N	
CORRECT FINISH	(2)	N	
CORROSION	Y	N	
CORRECT GRAIN DIRECTION	(8)	N	
CORRECT MATERIAL PER M-DRAWING	(8)	N	ASTM AZIZ
CORRECT THICKNESS	(8)	N	
PHOTO REQUIRED	Y	N	
CORRECT REF # TO LINK CERT	8	N	N180118AS01
CORRECT MATERIAL IDENTFICATION	(Ŷ)	N	
CORRECT M# ON THE MATERIAL	M	N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Υ	Ê	
DOES THIS REQUIRE AN EXTRUSION REPORT	Υ	(N)	

CUT SAMPLE PIECE OF	MATERIAL A	ND PREFOR	M A HARDNE	SS CHECK.	
F	RECORD RES	SULTS BELOV	N		
	HRC	HRB	DUR A	DUR D	WEBSTER
TYPE OF MATERIAL					
SIZE OF TEST SAMPLE			İ		
HARDNESS / DUROMETER READING					

testers located in the Quality Office

QC 18 INSPECTION			ENGINEERING SIGNOFF (if required)
INSPECTED BY:	68	Un.	SIGNED OFF BY:
DATE:	DEC 0 7 2018	y, .	DATE:

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

JIAXING MT STAINLESS STEEL CO.,LTD

MILL TEST CERTIFICATE

EN10204 3.1 CERTIFICATE

PED/97/23/CE EURO CERT CERTIFICATE NO:CN.CE.1110S1-02/14 ISO 9001: 2015 TUV SUD CERT REGISTRATION No.: 01 100 095954



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7														
CERTIFICATE NO.: 18MTC-0725138-15 SALES CONTRACT NO.: M 49385138 COMMODITY: STAINLESS STEEL SEAMLESS TUBE SPECIFICATION: ASTM A269-15a, ASTM A213-17,	O.: 18MTC-07 CT NO.: M 493 TAINLESS ST	725138-15 185138 EEL SEAMLESS 15a, ASTM A213	TUBE	SA213-17		:		PURCHASER:KASU ORDER:M 49385138 DATE OF REPORT:	PURCHASER:KASUGAI CO., LTD. ORDER:M 49385138 DATE OF REPORT: 2018-7-25	.1 CO., LTD. 8-7-25				
					Dimensions			Qua	Quantity		Deliner	Macros	Macroscopic Inspection	ction
Steel Grade	He	Heat No.	O.D.	W.T.		Length (FT)		FT	Piece	Process	Condition	End Cut	Appearanc	anc
TP304/TP304L	N180	N180118AS01	-	0.049		20		3720	186	Cold-Drawn	Pickled & 320 Grit	Passed	Passed	Pa
					Che	Chemical Composition (W.T. %)	position (V	V.T. %)						
Element	C	Si	Mn	Ь	s	Cr	ž	Mo	E	,	t	1	ı	
Requirements	<0.035	<1.00	22.00	<0.045	<0.030	18.0-20.0	8.0-11.0	,	ı	٠		1	ı	
Ladle Analysis	0.017	0.35	1.37	0.036	0.001	1.8.1	8.01	ţ	1	8	i	1		
						Mechanic	Mechanical Properties	ies						
Test Item	Y.S. (MPa)	T.S. (MPa)		EL. (%) In2in		Reduction of Z (%)	Area	Hardnes	Cold B	Cold Bend Test	Flaring Test	Flattening Test	ng Test	P. T.
Requirements	>205	>515		>35				08≽			1	e=0.09	60.	
Test Results	260	580		50				77	Pa	Passed	Passed	Passed	pes	Pa
		Non Des	Non Destructive Tests	S		Remarks:			0 12 20 20					
Test Item		Edd	Eddy Current Test			- ASIM AZO - TUBES TEC - SOLUTION - NO WELD - PMI TESTI	AS IM AZ03-138. AS IM AZ13-17. AS TUBES TESTED PER ASTM A1016 SOLUTION HEAT TREATMENT: 1050' NO WELD REPAIR WAS PERFORMED PMI TESTING DONE ON EACH TUBE -	M AZI3-17, STM A1016 ATMENT: 10 S PERFORM N EACH TUI	- AS IM AZ03-131. AS IM AZ13-17 TUBES TESTED PER ASTM A1016 - SOLUTION HEAT TREATMENT: 1050°C X L5m/min - NO WELD REPAIR WAS PERFORMED PMI TESTING DONE ON EACH TUBE – SATISFACTORY	<u></u>	TW METALS			
Requirements		AST	ASTM E 426			- IN COMPL - FREE FROI - MATERIAI	- IN COMPLIANCE WITH NACE MR0175/ISO 1 - FREE FROM MERCURY CONTAMINATION - MATERIAL IS FREE FROM RADIOACTIVITY	1 NACE MR(Y CONTAMI SOM RADIO,	- IN COMPLIANCE WITH NACE MR0175/ISO 15156-2015 - FREE FROM MERCURY CONTAMINATION - MATERIAL IS FREE FROM RADIOACTIVITY	<u>⊢</u> ши	SEP 18 49 00 Pm 35			
Test Results			Passed			- VISUAL CI - COUNTRY - COUNTRY	- VISUAL CHECK IS SATISFACTORY - COUNTRY OF ORIGIN: CHINA - COUNTRY OF MELT: CHINA	FISFACTOR'S CHINA	_	AC	m			
I.WE HERE BY CERTIFY THE MATERIAL DESCRIBED HEREIN HAS BEEN TESTED AND RESULTS ARE IN COMPLIANCE WITH THE TERMS OF THE PURCHASE ORDER OR CONTRACT	SRTIFY THAT THE COMPLIANCE WITH	THE MATERIAL DI WITH THE TERMS	ESCRIBED HER S OF THE PURC	REIN HAS BEEN TE	R OR CONT	jump .	HE TEST	Prepared by	25	Approved by:	Heng :			

assed

.M.L **FEST**

2.THE CERTIFICATE SHALL NOT BE REPROUCED, EXCEPT IN FULL, WITHOUT THE WRITTEN APPROVAL OF

THE COMPANY.

Prepared by:

Approved by:

SO

DELEASE

PURCHASE MATERIAL: AISI 304/316 SS SEAMLESS ROUND TUBING

۵

SPECIFICATION CONTROL DRAWING

SPECIFICATION: ASTM A213 OR ASME SA213 OR ASTM A269

WALL THICKNESS TOLERANCE PER ASTM A269 AS FOLLOWS:

DD (IN)
DD TO (IN)
DD TO (IN)
DD TO (IN)
SD
M304TR[D.DDD]WITTT OD WALL

PART NUMBER.

O

WHERE 'D' DDD' = OUTSIDE DIAMETER IN INCHES AND ".TTT" = WALL THICKNESS IN INCHES

EG. 0.375" OD X 0.065" WALL TUBING = M304TR0 375W.065



MATERIAL RECEIPT INSPECTION FORM

MATERIAL:	M6061T6T0,375W.058	PO / BATCH NO.:	Po 041832/S135663
MATERIAL CERT REC'D:	YES	THICKNESS ORDERED:	0.058
QUANTITY RECEIVED:	120'	THICKNESS RECEIVED:	0.058
QUANTITY INSPECTED:	120'	SHEET SIZE ORDERED:	
QUANTITY REJECTED:	Ø	SHEET SIZE RECEIVED:	COMPANY OF THE PARK OF THE PAR

	NO	CR	
DESCRIPTION	(Check		COMMENTS
	Y/	N)	
SURFACE DAMAGE	Y		
CORRECT FINISH	(8)	N	
CORROSION	Y	N	
CORRECT GRAIN DIRECTION	P	N	
CORRECT MATERIAL PER M-DRAWING	(8)	N	ASTM B210
CORRECT THICKNESS	Y	N	
PHOTO REQUIRED	Y	(1)	
CORRECT REF # TO LINK CERT	(1)	N	F002767520002
CORRECT MATERIAL IDENTFICATION	Y	N	
CORRECT M# ON THE MATERIAL	(A)	N	
DOES THIS MATERIAL REQUIRE			
ENGINEERING SIGN OFF	Y	N	
DOES THIS REQUIRE AN EXTRUSION REPORT	Υ	3	

CUT SAMPLE PIECE OF	MATERIAL A	ND PREFOR	M A HARDNE	SS CHECK.	
F	RECORD RES	SULTS BELOV	V		
	HRC	HRB	DUR A	DUR D	WEBSTER
TYPE OF MATERIAL					
SIZE OF TEST SAMPLE					
HARDNESS / DUROMETER READING					

testers located in the Quality Office

QC 18 INSPECTION		100	ENGINEERING SIGNOFF (if required)
INSPECTED BY:	68	38 38	SIGNED OFF BY:
DATE:	DEC ⁹ 0 ⁸ 7 2018		DATE:

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in



CERTIFIED TEST REPORT

http://Online.KajserAluminum.com

KAISER ALUMINUM FABRICATED PRODUCTS, LLC 6573 W. WILLIS ROAD CHANDLER. AZ 85226

CUSTOMER PO NUMB	ER:	CUSTOMER	PART NUMBER:	PRODUCT DESCRIPTION	N:			
M49391823-1		41952		Drawn Seamless	Drawn Seamless Tube/Pipe			
KAISER ORDER NUME	ER: LINE ITEM:	1	SHIP DATE:	KAISER LOT NUMBER:	ALLOY:	TEMPER:		
226573	001		08/01/2018	F00276752	6061	T6		
WEIGHT SHIPPED:	QUANTITY:		B/L NUMBER:	DIAM/DAF/THKNS:	WIDTH:	LENGTH:		
699.000 LB	863.000 F	00 PCS 230499				12.000 FT		
SHIP TO:				SOLD TO:				
TW METALS INC 235 WEST TUBI CAROL STREAM	EWAY DRIVE			TW METALS INC 760 CONSTITUTE SUITE 204 EXTON, PA 1934	ON DRIVE			

Actual Physical Properties

REFERENCE	DASH#	SAMPLE#	UTS (KSI)	YTS (KSI)	ELONG%	HARDNESS	CONTIACS	BEND
F00276752	0001	0001	48.4	42.7	19.0	N/A	N/A	N/A
F00276752	0002	0001	. 48.8	43.0	19.0	N/A	N/A.	N/A

Chemical Composition (wt%), Aluminum Remainder

LIMITS	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Pb	Bi:	Zr	Ea	Tot
Maximum	0.80	0.70	0.40	0.15	1.20	0.35	0.25	0.15	NA	NA		0.05	
Minimum	0.40	0.00	0.15	0.00	0.80	0.04	0.00	0.00	NA	NA ·	NA	0.00	0.00
D21581	.58	.27	.23	.05	.95	.09	.05	.02	.00	.00	.00	.01	.02

Applicable Requirements:

Description: OD: 0.3750"; Wall: 0.0580"; Round @ AMS4082P AMS-WW-T-700/6C ASTM B210-12
WE TAKE EXCEPTION TO PARA. 5.2.1., Per AMS4082P, WAS NOT OILED. This Product Complies to FAR BAA, DFARS BAA, FAR TAA COMPLIES TO DIN EN 10204 JAN 2005
No Weld Repair. Mercury Free.



Miscellaneous Notes

MANUFACTURED IN USA MELTED IN USA
MATERIAL COMPLIES WITH FAR BAA (FAR 52.225-1, BUY AMERICAN ACT- SUPPLIES), DFARS BAA
(DFARS 252.225-7001 BUY AMERICAN ACT & BAL OF PAYMENTS PROG), AND FAR TAA (FAR 52.225-5
TRADE AGREEMENTS).

Plant Serial: 00029069 Kaiser Order Number: 226573



FABRICATED PRODUCTS KAISER ALUMINUM

FABRICATED PRODUCTS, LLC 6573 W. WILLIS ROAD CHANDLER, AZ 85226

CERTIFIED TEST REPORT

http://Online.KaiserAluminum.com

CERTIFICATION

Kaiser Aluminum Fabricated Products, LLC ('Kaiser') hereby certifies that metal shipped under this order has been inspected and tested and found in conformance with the applicable specifications forming a part of the description set forth in Kaiser's sales acknowledgement form. Any warranty is limited to that shown on Kaiser's general terms &conditions of sale. Test reports are on file subject to examination.

Hans Kattentidt, Quality Manager





Plant Serial: 00029069 Kaiser Order Number: 226573

Line Item: 001

DESCRIPTION
DESCRIPTION
BY DATE
DART AEROSPACE LTD
HAWKESBURY, ONTARIO, CANADA
DRAWING NO. REV. C SHEET 1 OF 1 SCALE 13.08.12 ELEASE 2013 -07-02 AJS COMPLETE REFORMAT. ADDED T8610 & T8811.
ADDED AMS 4083. ASTM B210 & ASTM B241
ADDED MATERIAL TOLERANCE
ADD QQ-A-2008 & QQ-A-2568
NEW ISSUE TITLE 6081-T6 TUBING M6061T6T TITI -DATE 13.06.12 CHECKED
MFG. APPR.
APPROVED
DE APPR. - 0000 -EG. 3/8" OD X 0.058 WALL = M6061T6T0.375W0.058 WW-T-700/8
OR QQ-A-200/8 OR QQ-A-225/8
OR AMS 4080 OR AMS 4082 OR AMS 4083
OR ASTM B210 OR ASTM B241 PURCHASE MATERIAL: 6061-76/762/76510/76511 SEAMLESS TUBING WHERE "D.DDD" = OD IN INCHES "T.TT" = WALL THICKNESS PER ANSI H352 C MEGETTET D.DDDIWT.TTT MATERIAL TOLERANCE: SPECIFICATION: PART NUMBER: 0 O 8 <

MATERIAL RECEIPT INSPECTION FORM

MATERIAL: DATE:	M60617670.6254,665 DEC 0 7 2018	PO / BATCH NO.:	0041832/5135664
MATERIAL CERT REC'D:	48'	THICKNESS ORDERED:	0.065
QUANTITY RECEIVED:	48'	THICKNESS RECEIVED:	0.065
QUANTITY INSPECTED:	481	SHEET SIZE ORDERED:	
QUANTITY REJECTED:	Ø	SHEET SIZE RECEIVED:	

	NCR		
DESCRIPTION	,	eck	COMMENTS
	Y/	N)	
SURFACE DAMAGE	Υ	(N)	
CORRECT FINISH	8	N	
CORROSION	Υ	(1)	
CORRECT GRAIN DIRECTION	M	N	
CORRECT MATERIAL PER M-DRAWING	Υ	N	ASTM B210
CORRECT THICKNESS	0	N	
PHOTO REQUIRED	Υ	N	
CORRECT REF # TO LINK CERT	D	N	F00279255002
CORRECT MATERIAL IDENTFICATION	(8)	N	
CORRECT M# ON THE MATERIAL	0	N	
DOES THIS MATERIAL REQUIRE			
ENGINEERING SIGN OFF	Y	N	
DOES THIS REQUIRE AN		20	
EXTRUSION REPORT	Y	N	

CUT SAMPLE PIECE OF		ND PREFOR		SS CHECK.	
	HRC	HRB	DUR A	DUR D	WEBSTER
TYPE OF MATERIAL					
SIZE OF TEST SAMPLE					
HARDNESS / DUROMETER READING					

testers located in the Quality Office

QC 18 INSPECTION		ENGINEERING SIGNOFF (if required)
INSPECTED BY:	68	SIGNED OFF BY:
DATE:	DEC 8-892018	DATE:

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in





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CUSTOMER PO NUMB	ER:	CUSTOMER PART NUMBER:		PRODUCT DESCRIPTION:						
M49393156-1 42558-144 KAISER ORDER NUMBER: LINE ITEM:		14	Drawn Seamless	Drawn Seamless Tube/Pipe						
		SHIP DATE:		KAISER LOT NUMBER: ALLOY:		TEMPER:				
226804	001		09/15/2018	F00279255	6061	Т6				
WEIGHT SHIPPED:	QUANTITY:		B/L NUMBER:	DIAM/DAF/THKNS:	WIDTH:	LENGTH:				
27.000 LB	LB 17.000 PCS 231049				12.000 FT					
SHIP TO:				SOLD TO:						
TW METALS INC 235 WEST TUBE CAROL STREAM	WAY DRIVE			TW METALS INC 760 CONSTITUTI SUITE 204 EXTON, PA 1934	ON DRIVE	*				

Actual Physical Properties

REFERENCE	DASH#	SAMPLE#	UTS (KSI)	YTS (KSI)	ELONG%	HARDNESS	CON%IACS	BEND
F00279255	0001	0001	48.2	41.3	20.0	N/A	N/A	N/A
F00279255	0002	0001	48.0	40.6	18.5	N/A	N/A	N/A

Chemical Composition (wt%), Aluminum Remainder

LIMITS	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Pb	Bi	Zr	Ea	Tot
Maximum	0.80	0.70	0.40	0.15	1.20	0.35	0.25	0.15	NA	NA	NA	0.05	0.15
Minimum									NA	NA	NA	0.00	0.00
D21582	.60	.27		.05	.98	.10	.06		.00	.00	.00	.01	.02

Applicable Requirements:

Description: OD: 0.6250"; Wall: 0.0650"; Round @ AMS4082P AMS-WW-T-700/6C ASTM B210-12 WW-T-700/6F WE TAKE EXCEPTION TO PARA. 5.2.1., Per AMS4082P, WAS NOT OILED. This Product Complies to FAR BAA, DFARS BAA, FAR TAA COMPLIES TO DIN EN 10204 JAN 2005
No Weld Repair. Mercury Free.



Miscellaneous Notes

MANUFACTURED IN USA MELTED IN USA MATERIAL COMPLIES WITH FAR BAA (FAR 52.225-1, BUY AMERICAN ACT- SUPPLIES), DFARS BAA (DFARS 252.225-7001 BUY AMERICAN ACT & BAL OF PAYMENTS PROG), AND FAR TAA (FAR 52.225-5 TRADE AGREEMENTS).

Plant Serial: 00029499

Kaiser Order Number: 226804

Line Item: 001





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Hans Kattentidt, Quality Manager

Plant Serial: 00029499 Kaiser Order Number: 226804

Line Item: 001